

# ABSTRACT

Hardware and resource usage penalties associated with the conventional remote device management approach of occupying a robbed DS0 channel for only one management session at a time are obviated by programming a multi-  
5 digital circuit servicing host site-resident integrated access device to provide for effective simultaneous management of multiple remote digital communication devices by one or more workstations. Although only a single robbed in-band (T1) channel per remote site is  
10 used, it is unnecessary to terminate each high speed digital (T1) link with an associated T1 Service Unit and ISDN Service Unit pair at the central office site.